

CH1000

ControlHub



Product advantages

- Support monitoring via cloud or mobile APP.  
Device include inverter, battery, meter
- Built-in EMS function include Self-consumption, VPP access, time of use mode
- Rapid shut down, millisecond level scheduling



| Model                                |  | CH1000                                       |
|--------------------------------------|--|----------------------------------------------|
| Communication to Inverter            |  |                                              |
| Max. number of connected devices     |  | 60pcs                                        |
| To Micro inverter                    |  | 868 / 915Mhz, 802.15.4                       |
| To Commercial&Industrial inverter    |  | RS485                                        |
| Power Supply (Adapter)               |  |                                              |
| Type                                 |  | External Adapter                             |
| Adapter input voltage/frequency      |  | 100 to 240 V AC / 50 or 60 Hz                |
| Adapter output voltage/current       |  | 12V / 2A                                     |
| Power consumption                    |  | Typical. 5.0W                                |
| Internet Connection Options          |  |                                              |
| Wi-Fi                                |  | 2.4G, 802.11b/g/n                            |
| Mobile                               |  | Optional, LTE CAT.4                          |
| Ethernet                             |  | RJ45 × 2, 10M/100Mbps                        |
| Other Interface                      |  |                                              |
| RS485                                |  | COM × 3, Modbus-RTU                          |
| Ethernet                             |  | RJ45 × 2, 100Mbps                            |
| DRM                                  |  | RJ45 × 1, DRM0/5/6/7/8                       |
| Analog Signal Input                  |  | ×4, 4-20mA                                   |
| Digital Signal Output                |  | × 2, Dry Contact                             |
| Digital Signal Input                 |  | × 4, Dry Contact                             |
| Interaction                          |  |                                              |
| LED                                  |  | LED ×3                                       |
| APP                                  |  | SOFAR Cloud                                  |
| Mechanical Data                      |  |                                              |
| Operating temperature range          |  | -30 to +65°C                                 |
| Environmental rating                 |  | IP20                                         |
| Dimensions (L × W × H)               |  | 217×125×34mm                                 |
| Altitude                             |  | 3000m                                        |
| Installation method                  |  | Wall mounting / Desktop mounting / DIN rail  |
| Compliance                           |  |                                              |
| Certificates                         |  | IEC61000-6-1/2/3/4, CE-RED, RoHS             |
| Inverter Compatibility               |  |                                              |
| Micro inverter model                 |  | MR500 / MR1000 / MR2000                      |
| Commercial&Industrial inverter model |  | 25-50KTLX-G3 / 60-80KTLX-G3 / 100-125KTLX-G4 |

\*All specifications are subject to change without notice.